# BTEC Assignment Brief

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| **Qualification** | Pearson BTEC Level 3 National Extended Certificate in Information Technology<br>Pearson BTEC Level 3 National Foundation Diploma in Information Technology |
| **Unit number and title** | **Unit 6: Website Development** |
| **Learning aim(s)** (For NQF only) | **B:** Design a website to meet client requirements<br>**C:** Develop a website to meet client requirements |
| **Assignment title** | Design and develop a website |
| **Assessor** | |
| **Issue date** | |
| **Hand in deadline** | |

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| **Vocational Scenario or Context** | You have recently joined a web development company, Hot Beans Web as a junior web developer. You have been asked as part of your induction and training to create a new section for the company's web site which promotes the company to prospective employees, as they need to recruit more web developers. The company wants you to include the following things:<br><br>• A profile of the company itself<br>• profiles of existing trainee web developers<br>• job specifications and required qualifications<br>• an on-line application form<br>• links to web development courses<br><br>The target audience for the site is people who have completed training courses or qualifications related to web development and are now looking for a job as a web developer. |

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| **Task 1** | Create and evaluate comprehensive designs for the web site which include:<br><br>• identification of user requirements<br>• visual designs for the pages<br>• alternative design options<br>• technical documentation<br><br>Produce a justification of the design decisions you made, explaining how it will meet the user needs and be fit for purpose.<br>Develop the web site and test it for functionality, compatibility (with different devices and browsers) and usability (including user testing), using appropriate test plans, test schedules and data. You should collect results and feedback and show that you have responded to any problem or errors identified. |

| | Optimise the web site, using the results of testing and user feedback and record the details of the changes you have made so that 'before' and 'after' versions of the web site can be seen.

Write an evaluation of the design, development and optimisation of the web site. You should provide a detailed and balanced evaluation of how effectively your completed website meets the client requirements, including appealing to the target audience and meeting its stated purpose, in comparison to alternative solutions.

Your evaluation should be supported by evidence from all stages of the project to reach conclusions and suggest developments. The evaluation must contain a systematic and accurate review of your own skills, performance and behaviours and the impact that this had on the development of the final website.

Present evidence that you have shown individual responsibility, effective time-management in your design and development of the web site making high-quality justified recommendations and decisions. This should include *a task* **plan** for completing the assignment and a **witness testimony** from your tutor. For example, you need to show how you have:
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| | • Planned and managed your time and met targets. |
| | • Reviewed and responded to outcomes including the use of feedback from others |
| | • Behaved appropriately while completing the assignment – including professionalism, etiquette, supportive of others, timely and appropriate leadership, accountability and individual responsibility |
| | • Evaluated outcomes to help inform high-quality justified recommendations and decisions |
| | • Used appropriate methods of communication effectively |
| **Checklist of evidence required** | • Designs for the web site<br>• Justifications of the design decisions<br>• Annotated screen shots of the completed web site<br>• Evidence of testing including test plans and data, user feedback and details of the changes made in response to testing<br>• Annotated screen shots of the optimised web site<br>• Evaluation of the design and development of the web site<br>• Evidence of individual responsibility, effective time-management including a time plan and witness testimony from your tutor. |
| **Criteria covered by this task:** | |
| Unit/Criteria reference | To achieve the criteria you must show that you are able to: |

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| 6/BC.D2 | Evaluate the design and optimised website against client requirements. |
| 6/BC.D3 | Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website. |
| 6/B.M2 | Justify the design decisions, explaining how they will meet the user's needs and be fit for purpose. |
| 6/C.M3 | Optimise a website to meet client requirements. |
| 6/B.P2 | Produce designs for a website that meet client requirements. |
| 6/B.P3 | Review the website design proposals with others to identify and inform improvements. |
| 6/C.P4 | Produce a website for an intended audience and purpose. |
| 6/C.P5 | Test the website for functionality, compatibility and usability. |
| 6/C.P6 | Review the extent to which the website meets client requirements. |

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| **Sources of information to support you with this Assignment** | Unit 6 Moodle site<br>www.adobe.com – information on Dreamweaver<br>www.W3Schools.com – HTML and CSS tutorial, examples<br>www.gomockingbird.com – storyboard templates |
| **Other assessment materials attached to this Assignment Brief** | *eg, work sheets, risk assessments, case study* |

**FORM 9: LEARNER ASSESSMENT SUBMISSION AND DECLARATION**

When submitting evidence for assessment, each learner must sign a declaration confirming that the work is their own.

| Learner name: | | Assessor name: | |
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| Issue date:  23/3/20 | Submission date: **8/5/20** | | Submitted on: |
| Programme:  **BTEC L3 National Extended Certificate in IT**<br>              **BTEC L3 National Foundation Diploma in IT** | | | |
| Unit:  6 Web Development | | | |
| Assignment reference and title: 2 Design and develop a website | | | |

Please list the evidence submitted for each task. Indicate the page numbers where the evidence can be found or describe the nature of the evidence (e.g. video, illustration).

| Task ref. | Evidence submitted | Page numbers or description |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
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| Additional comments to the Assessor: | | |

**Learner declaration**

I certify that the evidence submitted for this assignment is my own. I have clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice.

Learner signature:                                        Date:

# ASSESSMENT RECORD SHEET

| Programme | BTEC L3 National Extended Certificate in IT<br>BTEC L3 National Foundation Diploma in IT | Learner name | |
|---|---|---|---|
| Assignment title | Design and develop a website | Assessor name | |
| Unit no. & title | 6 Web Development | Targeted learning aims/assessment criteria | B.P2, B.P3, B.M2<br>C.P4, C.P5, C.P6, C.M3, BC.D2, BC.D2 |

## First Submission

| Deadline | 8/5/20 | Date submitted | |
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| Targeted criteria | Criteria achieved? (Yes / No) | Assessment comments |
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| B.P2 | | |
| B.P3 | | |
| B.M2 | | |
| C.P4 | | |
| C.P5 | | |
| C.P6 | | |
| C.M3 | | |
| BC.D2 | | |
| BC.D3 | | |

**General comments**

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| **Assessor declaration** | I certify that the evidence submitted for this assignment is the learner's own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. |

| Assessor signature | | Date | |
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| | | Date of feedback to learner | |

| **Resubmission authorisation – Staff must email lists for authorisation to Lead IVs and the original agreement to resubmission by the Lead IV retained.*** |
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| * All resubmissions must be authorised by the **Lead Internal Verifier**. Only **one** resubmission is possible per assignment, providing:<br>   &bull;   The learner has met initial deadlines set in the assignment, or has met an agreed deadline extension.<br>   &bull;   The tutor considers that the learner will be able to provide improved evidence without further guidance.<br>   &bull;   Evidence submitted for assessment has been authenticated and accompanied by a signed and dated declaration of authenticity by the learner.<br>**Any resubmission evidence **must** be submitted within 15 working days of receipt of results of assessment. |